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(FILE 'HOME' ENTERED AT 17:57:12 ON 08 JUL 2008)

FILE 'CAPLUS' ENTERED AT 17:57:32 ON 08 JUL 2008

E US2004-780150/APPS

L1 1 S E3  
SEL L1 RN

FILE 'REGISTRY' ENTERED AT 17:58:16 ON 08 JUL 2008

L2 28 S E1-E28  
E "D-TRYPTOPHAN, 1-METHYL-"/CN

L3 1 S E3

FILE 'CAPLUS' ENTERED AT 18:00:49 ON 08 JUL 2008

L4 29 S L3

L5 736057 S CANCER OR TUMOR OR MELANOMA

L6 8 S L4 AND L5

L7 0 S L6 AND PD<20030401

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 18:03:59 ON 08 JUL 2008

L8 7 S L3

L9 221096 S CANCER OR TUMOR OR MELANOMA

L10 5 S L8 AND L9

L11 0 S L10 AND PD<20030401

L12 7 S L3

L13 221096 S CANCER OR TUMOR OR MELANOMA

L14 5 S L12 AND L13

L15 0 S L14 AND PD<20030401

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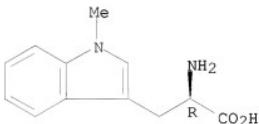
L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2004:1019533 CAPLUS <<LOGINID::20080708>>  
DOCUMENT NUMBER: 141:420433  
TITLE: Use of inhibitors of indoleamine-2,3-dioxygenase in  
combination with other therapeutic modalities in the  
treatment of cancer and infection  
INVENTOR(S): Munn, David; Mellor, Andrew  
PATENT ASSIGNEE(S): Medical College of Georgia Research Institute, Inc.,  
USA  
SOURCE: U.S. Pat. Appl. Publ., 42 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20040234623	A1	20041125	US 2004-780797	20040217
US 20050186289	A1	20050825	US 2004-780150	20040217 <--
PRIORITY APPLN. INFO.:			US 2003-459489P	P 20030401
			US 2004-538647P	P 20040122

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L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2008 ACS on STN  
RN 110117-83-4 REGISTRY  
ED Entered STN: 05 Sep 1987  
CN D-Tryptophan, 1-methyl- (CA INDEX NAME)  
OTHER NAMES:  
CN 2: PN: WO2007050405 PAGE: 28 claimed sequence  
CN D-(+)-1-Methyltryptophan  
CN D-1-Methyltryptophan  
FS STEREOSEARCH  
MF C12 H14 N2 O2  
CI COM  
SR CA  
LC STN Files: AGRICOLA, BEILSTEIN\*, CA, CAPLUS, CASREACT, CHEMCATS,  
PROUSDDR, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

29 REFERENCES IN FILE CA (1907 TO DATE)  
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L6 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2008:421542 CAPLUS <<LOGINID::20080708>>  
DOCUMENT NUMBER: 149:227  
TITLE: Differential targeting of tryptophan catabolism in tumors and in tumor-draining lymph nodes by stereoisomers of the IDO inhibitor 1-methyl-tryptophan  
AUTHOR(S): Muller, Alexander J.; Metz, Richard; Prendergast, George C.  
CORPORATE SOURCE: Lankenau Institute for Medical Research, Wynnewood, PA, USA  
SOURCE: International Congress Series (2007), 1304(Interdisciplinary Conference on Tryptophan and Related Substances: Chemistry, Biology, and Medicine, 2006), 250-261  
CODEN: EXMDA4; ISSN: 0531-5131  
PUBLISHER: Elsevier B.V.  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L6 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2008:243141 CAPLUS <<LOGINID::20080708>>  
DOCUMENT NUMBER: 148:553032  
TITLE: Levo- but not dextro-1-methyl tryptophan abrogates the IDO activity of human dendritic cells  
AUTHOR(S): Lob, Stefan; Konigsrainer, Alfred; Schafer, Richard; Rammensee, Hans-Georg; Opelz, Gerhard; Terness, Peter  
CORPORATE SOURCE: Department of General, Visceral and Transplant Surgery, University Hospital of Tubingen, Tubingen, Germany  
SOURCE: Blood (2008), 111(4), 2152-2154  
CODEN: BLOOA9; ISSN: 0006-4971  
PUBLISHER: American Society of Hematology  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2007:1443910 CAPLUS <<LOGINID::20080708>>  
DOCUMENT NUMBER: 148:440193  
TITLE: Toxicology and pharmacokinetics of 1-methyl-D-tryptophan: Absence of toxicity due to saturating absorption  
AUTHOR(S): Jia, Lee; Schweikart, Karen; Tomaszewski, Joseph; Page, John G.; Noker, Patricia E.; Buhrow, Sarah A.; Reid, Joel M.; Ames, Matthew M.; Munn, David H.  
CORPORATE SOURCE: Developmental Therapeutics Program, National Cancer Institute, Bethesda, MD, 20852, USA  
SOURCE: Food and Chemical Toxicology (2008), 46(1), 203-211  
CODEN: FCTOD7; ISSN: 0278-6915  
PUBLISHER: Elsevier Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS

## RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2007:843527 CAPLUS <<LOGINID::20080708>>  
 DOCUMENT NUMBER: 147:400343  
 TITLE: Novel Tryptophan Catabolic Enzyme IDO2 Is the Preferred Biochemical Target of the Antitumor Indoleamine 2,3-Dioxygenase Inhibitory Compound D-1-Methyl-Tryptophan  
 AUTHOR(S): Metz, Richard; DuHadaway, James B.; Kamasani, Uma; Laury-Kleinert, Lisa; Muller, Alexander J.; Prendergast, George C.  
 CORPORATE SOURCE: Lankenau Institute for Medical Research, Wynnewood, PA, 19096, USA  
 SOURCE: Cancer Research (2007), 67(15), 7082-7087  
 PUBLISHER: CODEN: CNREA8; ISSN: 0008-5472  
 DOCUMENT TYPE: American Association for Cancer Research  
 LANGUAGE: Journal  
 REFERENCE COUNT: English  
 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
 ACCESSION NUMBER: 2007:790312 CAPLUS <<LOGINID::20080708>>  
 DOCUMENT NUMBER: 147:187318  
 TITLE: Indoleamine 2,3-dioxygenase inhibitor for enhancing immune response against tumor or infection and tryptophan metabolic product for suppressing immune response against transplant rejection and autoimmune disease  
 INVENTOR(S): Chen, Wei; Blazar, Bruce R.; Munn, David; Mellor, Andrew  
 PATENT ASSIGNEE(S): Medical College of Georgia Research Institute, Inc., USA  
 SOURCE: PCT Int. Appl., 93pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007081878	A2	20070719	WO 2007-US404	20070105
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JE, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: US 2006-756861P P 20060107

L6 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2008 ACS on STN  
ACCESSION NUMBER: 2007:60697 CAPLUS <<LOGINID::20080708>>  
DOCUMENT NUMBER: 146:243247  
TITLE: Inhibition of Indoleamine 2,3-Dioxygenase in Dendritic Cells by Stereoisomers of 1-Methyl-Tryptophan Correlates with Antitumor Responses  
AUTHOR(S): Hou, De-Yan; Muller, Alexander J.; Sharma, Madhav D.; DuHadaway, James; Banerjee, Tinku; Johnson, Maribeth; Mellor, Andrew L.; Prendergast, George C.; Munn, David H.  
CORPORATE SOURCE: Immunotherapy Center and Departments of Pediatrics, Medicine, and Biostatistics, Medical College of Georgia, Augusta, GA, USA  
SOURCE: Cancer Research (2007), 67(2), 792-801  
CODEN: CNREA8; ISSN: 0008-5472  
PUBLISHER: American Association for Cancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT